

# The Gazette of India



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Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 29th August 1959

##### Special Notice

The following Groups of Abridgements of Patent Specifications have been published and copies thereof are available for sale with the Manager of Publications, Civil Lines, Delhi at Re. 1/- per copy.

Copies are also available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta on cash payment.

##### Group XI

(Containing Abridgments of — Fats, waxes and oils. Patent Specifications between Nos. 20,001 and 25,000).

##### Group XXII

(Containing Abridgments of — Dyeing, washing and treatment of textiles. Patent Specifications between Nos. 30,001 and 35,000).

##### Group XXXIV

(Containing Abridgments of — Mixing, pulverising and separating. Patent Specifications between Nos. 30,001 and 35,000).

##### Group XXXVI

(Containing Abridgments of — Glass manufacture. Patent Specifications between Nos. 30,001 and 35,000).

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

13th August 1959

68735. R. P. C. Carcassonne-Leduc. Method of preparation of raw or pre-cooked cereals in dry grains, impregnated substantially throughout with dry aromatic flavouring substances.

68736. Eastman Kodak Company. Vitamin a aldehyde derivative. (22nd June 1959).

68737. United States Steel Corporation. Device for measuring a linear dimension of moving articles.

68738. The Singer Manufacturing Company. Thread tension device for sewing machines.

68739. Usines Emile Henricot, S.A. Improvements in or relating to automatic railway couplers. (14th August 1958).

68740. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning.  $\alpha$ -amino- $\beta$ -carboxylic acid amides and process for preparing them.

68741. W. F. DePenning. Earth compacting device.

68742. Aircraft Furnishing Limited. Improvements in and relating to aircraft passenger-seat structures.

14th August 1959

68743. Inventa A.G. Fur Forschung Und Patentverwertung. Process for the oxidation of cyclohexane.

68744. Dairy Supply Company Limited. A new or improved instrument for measuring the fat content of skimmed milk. (19th August 1958).

68745. Auto-Klean Strainers Limited. Improvements relating to straining or filtering apparatus for liquids. (18th August 1958).

68746. W. R. Ames Company. Boom sprinkler.

68747. Bennett Sons & Shears Limited and D. Fairclough. Improvements in and relating to the wilting of green tea leaves. (15th August 1958).

68748. Metropolitan-Vickers Electrical Company Limited. Improvements relating to dynamo-electric machines. (15th August 1958). [Addition to No. 53573.]

68749. Henkel & Cie., G.m.b.H. Compounds forming complexes with metal ions.

17th August 1959

68750. N. I. Gajjar. Tray with holes for cooking simplified cooker, medium.

68751. PECHINEY Compagnie de Produits Chimiques et Electro-metallurgiques. Improvements to the electrolysis of aluminium oxide.

68752. Commissariat A L'Energie Atomique. Improvements in or relating to fuel elements for nuclear reactors.

68753. Marshall's Tea Machinery Company Limited. Improvements in tea rolling apparatus.

68754. Chas. Pfizer & Co., Inc. Preparation of steroids.

68755. Imperial Chemical Industries Limited. Improved apparatus and process for the production of tubes and tubular films. (2nd September 1958).

68756. L. C. Khanna. Attachment means for hemispherical and like turning on a lathe.

68757. American Cyanamid Company. Process of producing phosphoric acid esters. (20th June 1959).

68758. T. R. Nagarajan. An earth resistance measuring kit.

68759. Hein, Lehmann & Co., Aktiengesellschaft. Improvements relating to centrifuges. (26th November 1958).

68760. The Patent Tiffin Carrier Sanghvi Co. Cookers.

68761. Inventa A.G. Fur Forschung Und Patentverwertung. Process for the production of different products from single starting materials by consecutive reaction.

68762. Ciba Limited. New amides and a process for their manufacture.

68763. Ciba Limited. New sulphur-containing heterocycles and a process for their manufacture.

68764. Merck & Co, Inc. Steroid production. (6th February 1959).
68765. Slazengers Limited. Improvements in or relating to sports rackets. (18th August 1958).

18th August 1959

68766. S. Kejriwal. Air Cooling chamber for table fan.
68767. United States Steel Corporation. Mechanism and method for controlling sintering.
68768. The British Rayon Research Association. Improvements in or relating to automatic machinery. (20th August 1958).
68769. The Norwich Pharmacal Company. Improvements in or relating to the control of coccidiosis in poultry. (3rd June 1959).
68770. The Norwich Pharmacal Company. Improvements in or relating to nitrofuran derivatives. (3rd June 1959).

68771. Commissariat A L'Energie Atomique. Safety device for appliances which perform successive programmed operations.
68772. Rohm & Haas Company. Method for stabilization of manganese salts of alkylene bisdithiocarbamic acids and the products thereof.
68773. T. Hindmarch. Improvements in or relating to fluid pressure-operated clutches with metal to metal friction surfaces. (29th August 1958).
68774. T. Hindmarch. Improvements in or relating to fluid pressure-operated clutches with metal to metal friction surfaces. (29th August 1958).
68775. Pyrotex Limited. Improvements in or relating to stripping tools for electric cables. (25th August 1958).

68776. Societe Genevoise D'Instruments De Physique. Control device for the setting in exact position of a movable member.
68777. Birfield Engineering Limited. Improvements relating to machines for opening, blending or amalgamating fibrous materials. (20th August 1958).
68778. Veb Filmfabrik Agfa Wolfen. Process for the manufacture of polycarbonates.
68779. E. Ryser and B. Voumard. A slider for a slide fastener.

68780. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Monoazodyestuff and process for its manufacture.
68781. Merck & Co, Inc. Derivatives of dibenzo [a, e] cycloheptatriene.
68782. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Tetrahydroisoquinoline derivatives and process for the manufacture thereof.
68783. Magnetfabrik Bonn. Method of producing elongated metal particles of very small cross-section by plastic deformation

19th August 1959

68784. Radhika Nath Sinha. Vertical bye-pass valve for steam engines.
68785. Commonwealth Scientific and Industrial Research Organization. Improvements in and relating to the production of alumina. (21st August 1958).
68786. Commissariat A L'Energie Atomique. Cluster arrangement of fuel elements in and atomic reactor.
68787. Commissariat A L'Energie Atomique. Improvements in or relating to taking off liquids.
68788. Westinghouse Brake & Signal Company, Limited. Improvements relating to railway vehicle vacuum braking apparatus. (28th August 1958).
68789. British Telecommunications Research Limited. Improvements in or relating to electrical signalling systems. (3rd September 1958).
68790. A. Birney and The Colombo Commercial Company Limited. Improved method and device for removing stalk, fibrous substances and mineral particles from dry or black tea. (9th October 1958).
68791. Automatic Coal Cleaning Company Limited. Improvements relating to bucket elevators. (21st August 1958).

68792. J. R. Geigy A.G. Process for the production of aminoethyl ethers.
68793. Aluminium Laboratories Limited. Process and apparatus for digesting bauxite.
68794. Standard Telephones and Cables Limited. Measurement of length of magnetisable objects. (12th September 1958).
68795. Union Carbide Corporation. Method and apparatus for mixing materials forming viscous masses.
68796. Ciba Limited. Manufacture of cyclic ethers.
68797. Ciba Limited. Manufacture of five-membered heterocycles.
68798. Ciba Limited. Manufacture of five-membered polyhetero compounds.

#### Alteration of Date

66213. Ante-dated to 17th February 1958 under Section 5 of the Act.
66610. The claim to priority date 7th March 1958 has been disallowed and the application dated as of 3rd February 1959, the date of filing in India. Ante-dated to 11th March 1958 under Section 5 of the Act.
67149. Post-dated to 31st March 1958 under Section 5 of the Act.
67689. Ante-dated to 23rd April 1958 under Section 5 of the Act.
68249. Ante-dated to 25th February 1958 under Section 5 of the Act.
68250. Ante-dated to 25th February 1958 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification, together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are dates allowed under Section 78-A of the Act.

62350. A. C. Padamsee. Improvements in or relating to screw-on stoppers for bottles and like containers. Accepted on 19th August 1959.

*Comprising a ring made of hard rubber, polythene which is adapted to make a tight fit exteriorly on the mouth of the bottle and having screw threads provided on its periphery, another comprising a cap made of hard rubber and provided on its inner side with screw threads.*

62352. Council of Scientific and Industrial Research. Refractory compositions comprising graphite and alumino-silicate materials and glazes to render such compositions resistant to oxidation. Accepted on 8th August 1959.

*Comprising 20–60 per cent. graphite, 20 to 60 per cent. plastic refractory clay or clays having a silica/alumina ratio between 1.19 and 4.56, and up to 20 per cent. of other additions such as alumino-silicate materials like felspar.*

62722. Chetana Trading Corporation. Improved electrical connectors for electrical accessories such as plugs, lamp holders and the like. Accepted on 17th August 1959.

*Characterized in that when the two split parts of the socket are joined together by a screw means, the terminal inserted inside the socket are sandwiched and securely held in position on between the screw in each terminal and the closed portion of the other part of the socket.*

63063. M. Bidani. Combined screw driver and aerated water capsule opener. Accepted on 5th August 1959.  
*Consisting of a single steel blade forked at one end.*
63117. The English Electric Company Limited. Improvements in or relating to cartridge fuse links. (25th February 1957). Accepted on 12th August 1959.  
*Comprising a hollow insulating body, inner and caps secured to said body, a fuse element of sheet material extending between the inner end through the body, electrical connection being made to outer end caps.*
63121. The English Electric Company Limited. Improvements in and relating to electric switchgear. (20th February 1957). Accepted on 13th August 1959.  
*Including a circuit breaker assembly movable horizontally relative to a fixed part of the switchgear.*
63122. The English Electric Company Limited. Improvements in and relating to shrouds for electrical cable connections. (21st February 1957). Accepted on 13th August 1959.  
*A shroud for an electrical connection, includes a cable entry sleeve which comprises a resilient sleeve portion provided with an integral flange arranged to form a part of a wall of the shroud.*
63123. The English Electric Company Limited. Improvements in and relating to electric fusegear. (21st February 1957). Accepted on 13th August 1959.  
*A contact assembly consisting of two unequal U-shaped, contact members secured one within the other and a co-operating U-shaped contact member whose arms are adapted to be clamped between the corresponding arms of the two first-mentioned contact members.*
63165. C. C. Wakefield & Company Limited. Improvements in or relating to hydraulic fluids. (25th February 1957). Accepted on 17th August 1959.  
*Comprising mixture of blown castor oil and one or more relatively non-volatile solvents and at least one corrosion inhibitor comprising 1, 2, 3-benzotriazole or a carbonate or carbamate of a basic non-aromatic amine.*
63166. S. Mittra. Improvements in or relating to pump. Accepted on 17th August 1959.  
*Impeller has at least a pair of blades such that walls of each blade form a pocket and water is thrown by pocket shaped blades to outlet opening.*
63226. Parke, Davis & Company. Process for producing mono-N-substituted 1-phenylcyclohexyl amines and their acid addition salts. Accepted on 19th August 1959.  
*Reacting phenyl metal compound with schiff base derived from  $C_6H_5-N-R$  and decomposing the product with water where R is alkyl, aryl, alkoxyalkyl or alory group of up to 3-C-atoms.*
63227. Parke, Davis & Company. Methods for producing heterocyclic amine compounds. Accepted on 19th August 1959.  
*Reacting 1-hetrocyclic amino-1-cyanocyclohexanl with phenyl metal compound under anhydrous conditions.*
63261. J. R. Geigy A.-G. Process for the production of D.L.  $\alpha$ -amino-caprolactam. Accepted on 14th August 1959.  
*Reacting D.L.  $\alpha$ -chloro caprolactum, obtained by reacting caprolectum with pool., Pcl., Socl<sub>2</sub> and treating product with water and active H<sub>2</sub> with salt of hydronitric acid and catalytically hydrogenating the product*
63271. V. L. Nagarkar. A device for making confectionary. Accepted on 14th August 1959.  
*Confectionary comprising a cyclinder, a socket with a flange fitted at the outlet end of the cylinder.*
63347. Merck & Co., Inc. Process for preparing phosphate derivatives of dihydro vitamin K<sub>1</sub>. Accepted on 19th August 1959.  
*Reacting 1-monocarboxylic acid ester of 2-methyl-3-phetyl-1, 4-naphthohydroquinone with phosphorous oxychloride.*
63370. M. Rafiq. Improvements in or relating to cycle lock. Accepted on 13th August 1959.  
*Comprising of a pressed steel body provided with a spring loaded sliding steel bar with a notch at a central position.*
63512. Imperial Chemical Industries Limited. Isolation of gibberellic acid from aqueous fermentation media. (5th April 1957). Accepted on 14th August 1959.  
*Extracting aqueous fermentation medium of fibberellic acid with suitable water-immiscible organic solvent.*
63554. Lodge-Cottrell Limited. Improvements in or relating to an electrostatic process for breaking down emulsions for the removal of suspended matter from liquids. (15th January 1958). Accepted on 19th August 1959.  
*Process comprises the steps of supplying the liquid to be treated in a uniform series of streams to a chamber or refinery, subjecting the streams to a high voltage direct current electric static field.*
63595. Imperial Chemical Industries Limited. Improvements in and relating to the treatment of polymers. (18th April 1957). Accepted on 17th August 1959.  
*Treating polymer with higher alcohol in presence of a solvent.*
63639. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to adhesives for attaching copper foils to other objects. Accepted on 13th August 1959.  
*To an adhesive composed of a copolymer of butadiene and acrylonitrile mixed with a resin of the phenolaldehyde type, 5—60 per cent. by weight of an aliphatic monocarboxylic acid is added.*
63756. Teleflex Products Limited. Improvements in and relating to endless conveyors. Accepted on 13th August 1959.  
*Driven endless chains having pairs of parallel links interconnected by supported spindles to engage "cruciform-section" track and adapted to reciprocate with independently driven similar storage conveyor system.*
63843. Nitto Kagaku Kogyo Kabushiki Kaisha and Zaidan Hojin Nitto Rikagaku Kenkyusho. A process for the manufacture of cyanuric chloride. Accepted on 19th August 1959.  
*Introducing dry hydrogen cyanide gas and dry chlorine gas into activated carbon catalyst fixed bed and reacting the gases under heat.*
63987. Ciba Limited. New dipiperidyl-alkanes and process for their manufacture. Accepted on 17th August 1959.  
*Hydrogenating di-pyridyl-di-phenyl-alkanes.*
64067. International Combustion (Holdings) Limited. Improvements in or relating to oil burning installations. (21st May 1957). Accepted on 17th August 1959.  
*Having atleast one oil burner or group of oil burners fed from an oil fuel heating and circulating system via a supply conduit joined by an oil flow control valve and a non-return valve to the system.*
64113. Chas. Pfizer & Co., Inc. Antibiotic compositions and preparation thereof. Accepted on 18th August 1959.  
*Comprising aqueous solution containing 25 to 80 per cent. by weight of amide of acetic acid, from 10—100 mg/ml of oxytetra-cycline from 0.67 to 1.0 molar equivalents of physiologically acceptable magnesium salt and ammonia.*
64177. A. P. Jain. Improvements in or relating to snap fasteners. Accepted on 14th August 1959.  
*Consisting of a male part with projecting knob having one or more slit(s) cut, and a female part having a hole which in size is smaller than the knob, so that when knob is thrust against the hole the knob squeezes and gets-in.*

64188. Miles Laboratories, Inc. Symmetrical bis-amines. Accepted on 14th August 1959.  
*A primary bisamine is reacted with an aldehyde or carboxylic acid, and the reaction product is reduced.*
64268. E. I. du Pont de Nemours and Company. Shaped structures comprising synthetic polymers and process for their production. Accepted on 13th August 1959.  
*Made up of very thin film or ribbon-like structural units wherein molecules and/or crystallites of the polymer are oriented in the as-spun or extruded state.*
64272. Farbenfabriken Bayer Aktiengesellschaft. Composition for the production of moulded bodies having high impact and notch impact strength. (21st April 1958). Accepted on 13th August 1959.  
*Comprises a mixture of (1) 10 to 75 parts by weight of a rubber-like conjugated diolefine having 4 to 6 carbon atoms and acrylonitrile and (2) 25 to 90 parts by weight of a thermoplastic copolymer of styrene, acrylonitrile.*
64290. Licencia Talamanyokat Ertekesito Vallalat. A hot bulb internal combustion engine. Accepted on 13th August 1959.  
*Characterized by that the median line of the fuel nozzle is directed to the centre of the hot bulb, which is first touched by the streaming air.*
64326. Smith Kline & French Laboratories. Improvements in or relating to substituted trifluoromethoxy and trifluoromethylmercaptophenothiazines. Accepted on 17th August 1959.  
*Heating trifluoromethoxy-or trifluoromethyl mercapto-substituted-2-amino-2'-halodiphenyl sulfide in presence of acid binding agent.*
64336. Ciba Limited. Process for the manufacture of 2, 3-dihydro-benzisothiazol-3-one-1, 1-dioxides and salts thereof. Accepted on 14th August 1959.  
*Cyclizing 3-R-4, 6-disulfamyl-benzoic acid to form 2, 3-dihydro-benzisothiazolone-3-one-1, 1-dioxide.*
64513. Sir W. G. Armstrong Whitworth & Company (Engineers) Limited. Improvements in or relating to units producing gas by internal combustion. (2nd July 1957). Accepted on 13th August 1959.  
*Exhaust system leading from the combustion chamber to the machine is so arranged that each pulse of gases is divided into portions which are constrained to travel different distances to reach the machine.*
64520. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Difficulty inflammable styrene polymers and their production. [Addition to No. 59769.] Accepted on 13th August 1959.  
*Comprises a styrene polymer containing an acetal or an ether of 2:3-dibromopropanol-1.*
64525. M. A. Chaudary. Improvement in and relating to ginning of cotton. Accepted on 13th August 1959.  
*Seed cotton is impregnated with a water soluble oil composition like sulphated castor oil and/or oleic acid by spraying or sprinkling on layer after layer and allowed to stand under roof some time depending on humidity.*
64540. Godfrey L. Cabot Inc. Improvements in or relating to polyethylene blends. Accepted on 18th August 1959.  
*Comprising a thermoplastic component and a free-radical producing cross-linking agent dispersed therein.*
64559. National Malleable and Steel Castings Company. Railway car coupler. Accepted on 13th August 1959.  
*Curved butt end surface in vertical cross-section has a centre of curvature disposed upwardly of a horizontal plane passing through longitudinal centre line of the shank.*
64595. Ciba Limited. A new alkyl hydrazine and a process for its manufacture. Accepted on 17th August 1959.  
*Hydrazine, its salts or derivatives containing radicals easily split off by hydrolytic agents is reacted with a 2-methyl-pentane which contains in 4-position a reactive functional group and capable of introducing the 2-methyl-pentyl-(4) radical into hydrazine.*
64623. Novo Terapeutisk Laboratorium A/S. Process for producing a quick-acting insulin preparation. Accepted on 18th August 1959.  
*Dissolving pig insulin in aqueous injectable medium of 7-8 p.H value.*
64651. Boots Pure Drug Company Limited. New anthelmintic compositions. Accepted on 18th August 1959.  
*Comprising double salt of piperazine dihydrochloride and ammonium chloride together with a carrier.*
64866. Ciba Limited. Detergent containing as an optical brightening agent a di-[benzimidazyl-(2)]-ethylene compound. Accepted on 17th August 1959.  
*A detergent containing di [Benzimidazyl-(2)] ethylene compound as optical brightening agent.*
64893. V. K. Paranjape. Recovery of zinc in the form of metal or its compounds from galvanising plant residues. Accepted on 18th August 1959.  
*Separating the metal portion from dust, and treating the former with alkaline solution until all chlorine compounds are dissolved and recovering zinc which may be melted and cast into ingots.*
64904. Bansi & Co. Dual strike bicycle bells. Accepted on 13th August 1959.  
*Protruding hand lever when pulled by forefinger, one of the free ends of two-way striker-strikes against upper hemisphere of bell at the end of its forward motion and the other end strikes against lower hemisphere at the end of its backward motion.*
64914. The British Drug Houses Limited. Method for the preparation of 6-methyl-3-oxo-4:6-dienic steroids. (19th August 1957). Accepted on 18th August 1959.  
*Reacting 3 $\beta$ -hydroxy or 3 $\beta$ -acyloxy-5 $\alpha$ -hydroxy-6 oxo-steroid with methyl magnesium halide, oxidising 3 $\beta$ ;5 $\alpha$ :6-trihydroxy steroid obtained and dehydrating the product.*
64965. Farbenfabriken Bayer Aktiengesellschaft. Improved fungicidal copper spray compositions. (2nd June 1958). Accepted on 18th August 1959.  
*Comprising a polyglycol ether or a glycerol mono or di-fatty acid ester, a fatty acid metal salt and a fungicidal copper compound with a copper content of 5-70 per cent, by weight.*
64972. The British Drug Houses Limited. Method for the preparation of 3 $\beta$ -hydroxy-6-methylpregn-5-en-20-one. (28th August 1957). Accepted on 13th August 1959.  
*Reacting 3 $\beta$ -acyloxy-25D-spirost-5-ene with a hypohalous acid or with N-bromoacetamide and perchloric acid to give a 3 $\beta$ -acyloxy-5 $\alpha$ -bromo-25D-spirostan-6 $\beta$ -ol, oxidising 3 $\beta$ -acyloxy-5 $\alpha$ -bromo-25D-spirostan-6 $\beta$ -ol at C<sub>6</sub> and replacing bromine atom.*
64998. Bristol Laboratories Inc. Process for preparation of aromatic amides of trialkoxybenzoic acids having therapeutic value. Accepted on 13th August 1959.  
*Reacting a 3, 4, 5-trialkoxybenzoic acid halide, ester or azide with an ortho or meta di (lower) alkylaminoaniline.*
65016. Phrix-Werke Aktiengesellschaft. Apparatus for wet spinning or wet treatment of synthetic filaments. Accepted on 19th August 1959.  
*Wet treatment of synthetic filaments in tanks, in which the floor of the treating tank is ribbed.*
65062. D. Levin. Improvements in steam pressure cookers and covers therefor. Accepted on 13th August 1959.  
*A cylindrical cooking pot, an outwardly projecting rim to said pot, a detachable cover for the pot and a skirt projecting downwardly from the cover and into the pot.*
65063. Imperial Chemical Industries Limited. Process for the manufacture of gibberellic acid. (9th September 1957). Accepted on 17th August 1959.  
*Cultivating active strain of gibberella fujikuroi in nutrient medium in presence of organic substance as source of nitrogen.*

65156. The Yale and Towne Manufacturing Company. Tubular lock. Accepted on 13th August 1959.  
*The inside knob, always free for rotation, when rotated releases outside knob if it is locked, from locking by turn button and effects retraction of latchbolt.*
65318. W. R. Grace & Co. Improvements in or relating to container closures. Accepted on 19th August 1959.  
*A plastisol composition containing as essential ingredients as vinyl resin, a plasticiser and a minor quantity of a blowing agent.*
65386. H. Alberts and E. W. Bernt. Improvements in or relating to slide fasteners. Accepted on 13th August 1959.  
*Projecting teeth like clasping elements are made from a long length of tube of any thermoplastic material or metal having adequate flexibility, on one side of the tube teeth are cut on the other side forms base of said elements.*
65401. The British Drug Houses Limited. A process for the preparation of 3  $\beta$ -acyloxy-6-methyl-25D-spirost-5-ene. (9th October 1957). Accepted on 19th August 1959.  
*Treating 3  $\beta$ -hydroxy or 3-acyloxy-25D-spirost-5-ene with organic par acid, reacting the product with methyl magnesium halide, reacylating and dehydrating the product.*
65466. Boving and Co. Limited. Improvements in butterfly valves. (23rd October 1957). Accepted on 13th August 1959.  
*Having a valve disc pivoted about a transverse axis substantially parallel to but offset from the plane of a sealing periphery.*
65516. Ciba Limited. Pharmaceutical compositions. (15th November 1957). Accepted on 19th August 1959.  
*Containing active substance 19497-C and pharmaceutical carrier.*
65671. W. F. DePenning. Method of coating surfaces such as hulls of boats and ships with cold-curing resin-containing sheets. Accepted on 13th August 1959.  
*Characterised in that coating comprises of a deformable sheet, consisting of fibrous reinforcing material and partially cured cold-curing synthetic resin composition.*
65739. Sindri Fertilizers & Chemicals Private Limited. Improvement in or relating to the preparation of phosphatic fertilizers by heating substances containing sodium sulphate with materials containing calcium phosphate. Accepted on 14th August 1959.  
*Preparing phosphatic fertilizers by heating substances containing sodium sulphate with materials containing calcium phosphate.*
65767. Henschel Werke Gesellschaft Mit Beschränkter Haftung. Improvements in and relating to a locomotive frame and axle bearing guide assembly. Accepted on 17th August 1959.  
*Characterized in that fitting bores are provided in the frame on either side of the axle bearing apertures.*
65795. Burness, Corlett & Partners Limited. Improvements in and relating to hull forms. (21st July 1958). Accepted on 19th August 1959.  
*A hull form for trawlers and the like having surfaces constraining the water to flow on diagonal lines at the entry so that it does not cross the bilge.*
66000. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for producing fast dyeings or prints on fibres or foils of aromatic polyesters, especially of polyethylene-glycol terephthalates. Accepted on 17th August 1959.  
*Treating with dioxazine dyestuff obtainable by ring closure from diarylaminobenzoquinone.*
66001. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Azo-dvestuffs insoluble in water and process for their manufacture. Accepted on 17th August 1959.  
*Coupling with arylamide of 2, 3-hydroxynaphthoic acid the diazonium compound, from ortho-aminoazo compound and the diazonium compound from P-aminoazo compound.*
66060. Parks-Cramer Company. Suction cleaner apparatus for textile machines. Accepted on 14th August 1959.  
*Comprising at least one elongated tube positioned closely adjacent roll of the machine and having longitudinally spaced and aligned first slots for drawing broken ends and a pair of elongated second slots.*
66213. American Cyanamid Company. Epimers of 6-demethyl-6-deoxytetracycline. [Divisional date 17th February 1958.] Accepted on 17th August 1959.  
*Adjusting a concentrated solution of 6-demethyl-6-deoxytetracycline to a pH range of about 3 to 5 and allowing the solution to stand until the isomerism has reached equilibrium.*
66243. Union Carbide Corporation. Homogeneous mixtures of solid polymers of ethylene and process for producing same. Accepted on 19th August 1959.  
*Comprising from 2 to 50 parts of low mol wt. highly branched polyethylene and from 50 to 98 parts of sparsely branched high mol wt. polyethylene.*
66320. The British Oxygen Company Limited. Manufacture of steel. (13th January 1958). Accepted on 14th August 1959.  
*Blowing steam into the metal bath during at least a part of the oxygen/air blow whereby excessive temperature rise is prevented.*
66377. Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey. A process for the manufacture of anhydrous hydrofluoric acid from its aqueous solutions. Accepted on 14th August 1959.  
*Comprises mixing concentrated sulphuric acid with aqueous solution of hydrofluoric acid, heating the mixture to distil off bringing the diluted sulphuric acid containing the residue of the hydrofluoric acid into contact with or gas chemically inert to hydrofluoric acid.*
66610. Imperial Chemical Industries Limited. Vinyl hydrocarbons polymerisation process. [Addition to No. 63382.] [Divisional date 11th March 1958.] Accepted on 19th August 1959.  
*Bringing hydrocarbon monomer into contact with titanium chloride, bromide or iodide having a halogen titanium atomic ratio of less than 2 to 1.*
67149. Imperial Chemical Industries Limited. Improvements in and relating to the treatment of polymers. (31st May 1957). [Divisional date 31st March 1958.] Accepted on 19th August 1959.  
*Treating polymer with a higher alcohol in presence of a solvent and aluminium halide or aluminium alkyl halide.*
67689. Imperial Chemical Industries Limited. New phthalocyanine dyestuffs. (1st May 1957). [Addition to No. 63819.] [Divisional date 23rd April 1958. Accepted on 19th August 1959.  
*Treating with a sulphating agent, derivative of copper phthalocyanine having attached to the 3-position one sulphuric acid group and a sulphonethanolamide group.*
68249. Parke, Davis & Company. Process for the production of heterocyclic amine compounds and acid addition salts thereof. [Divisional date 25th February 1958.] Accepted on 19th August 1959.
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- Reacting  $C_6H_{10}=\text{N}=\text{Y}$  with phenyl metal compound  $C_6H_5\text{Me}$  and decomposing reaction product with water  $\text{Y}$  is alkylene radical with 4-C-atoms,  $Z$  is anion and  $\text{Me}$  is Mg. halide or alkali metal.
68250. Parke, Davis & Company. Process for the production of new heterocyclic amine compound [Divisional date 25th February 1958.] Accepted on 19th August 1959.
- 
- Reacting  $N$ -benzoyl amino compound  $C_6H_5\text{C}(=\text{O})\text{NH}_2$  with organo-metallic penta-methylene derivative  $\text{Me}-(\text{CH}_2)_5-\text{Me}=\text{decomposing reaction product with water, R is pyrrolidino piperidino or hexamethyleneimino radical and Me is alkalimetale Mg. halide.}$

**Opposition Proceedings**

An opposition has been entered by Bata Shoe Company Private Limited to the grant of a patent on application No. 62087 made by Carona Sahu Co. Private Limited

**Patents Sealed**

60786. 60842. 60910. 60996. 61272. 61489. 61561. 61761. 61791.  
 61795. 61826. 61829. 61857. 61860. 61870. 61974. 62049. 62133.  
 62399. 62451. 62483. 62566. 62800. 62836. 62934. 63083. 63215.  
 63372. 63539. 64040. 64065. 64087. 64103. 64339. 64468. 65794.

**Amendment Proceedings**

The amendment proposed by The British Tabulating Machine Company Limited in respect of Patent application No. 60424 as advertised in the Gazette of India Part III, Section 2, dated the 9th May 1959 has been allowed.

**Registration of Assignments, Licences, Etc.**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

60376 }  
 60377 } — The Tata Iron & Steel Company Limited.  
 60406 }

**Renewal Fees Paid**

28437. 28483. 29028. 29033. 29040. 29288. 29290. 29291. 30480.  
 33048. 33222. 33923. 35150. 35776. 35860. 35987. 36133. 36194.  
 36216. 37173. 37691. 38133. 38134. 38403. 38483. 38484. 38680.  
 38817. 38818. 39213. 39884. 40034. 40251. 40275. 40276. 40277.  
 40278. 40294. 40313. 40420. 40421. 40422. 40441. 41829. 41921.  
 41982. 42024. 42167. 42550. 43605. 43606. 43647. 43701. 43749.  
 43773. 43817. 43818. 43830. 44066. 44224. 44225. 44437. 45689.  
 45697. 45705. 45799. 45859. 45893. 45968. 45992. 46294. 47987.  
 48001. 48112. 48174. 48210. 48252. 48265. 48327. 48396. 48397.  
 48640. 48675. 49650. 49734. 50175. 50205. 50250. 50254. 50282.  
 50358. 50367. 50381. 50408. 50480. 50566. 50641. 50661. 50678.  
 50963. 52314. 52552. 52684. 52749. 52754. 52809. 52827. 52828.  
 52935. 53194. 53236. 53347. 55256. 55389. 55426. 55478. 55488.  
 55499. 55545. 55572. 55587. 55622. 55635. 55661. 55672. 55823.  
 55825. 55855. 56510. 56574. 56945. 57522. 58385. 58409. 58410.  
 58411. 58629. 58632. 58650. 58826. 59024.

RENEWAL FEES PAID in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.

**Mysore Patents**

388/4647.

**Cessation of Patents**

54205. 54206.

**Restoration Proceedings**

(1)

Notice is hereby given that an order was made on the 12th August 1959 restoring the patent numbered 34780, dated as of the 1st May 1945 granted to Henry George Martin for, "Improvements in and relating to reservoir writing instruments".

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent:

49017—Secoterm, S.A. De C.V.

The patent ceased on the 19th February 1958 owing to non-payment of the renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 31st May 1958. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 10th October 1959.

(3)

Notice is hereby given that an order was made on the 12th August 1959 restoring the patent numbered 52325, dated as of the 12th July 1954 granted to Vasant Bhimrao Chipalkatti, Keshav Vinayak Datye and Mahavir Sahai Tawakley for, "An improved process for the production of shrink proof and crease resistant finishes on textile material."

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 100036, Ram Chand Sud, 295, Model Town, Jullundur City, Punjab State, Indian, "Switch box", June 27, 1959.

Class 1. No. 98958, Teluram Lekhram of Kaithal Mondi, District Karnal, Punjab State, an Indian Partnership Firm, "Central bobbin shuttle race of a sewing machine", April 6, 1959.

- Class 1. No. 98967, The Patent Tiffin Carrier Sanghvi Co., 110, Shivaji Nagar, Poona 5, Bombay State, India, Indian Partnership concern, "Vessel", April 6, 1959.
- Class 13. Nos. 100157 to 100161, Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South) Parel, Bombay-13, Indian, "Textile goods", July 3, 1959.
- Class 13. Nos. 100127 to 100133 and 100135 to 100142, Jiya-jeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", July 1, 1959.
- Class 13. Nos. 100186 to 100189, The Silver Cotton Mills Co. Ltd., Kankaria Road, Ahmedabad, Indian Company, "Textile goods", July 6, 1959.
- Class 13. No. 100190, H. A. Shah & Co., Partnership Concern, Indian, of Vasant Vijay Mills, "Vasant Vijay", 470/471, Worli Road, Bombay-18 (India), "Textile goods", July 6, 1959.
- Class 13. Nos. 100236 and 100237, The Ahmedabad Advance Mills, Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", July 9, 1959.
- Class 13. Nos. 100268 and 100269, H. A. Shah & Co., Partnership Concern, Indian, of Vasant Vijay Mills, "Vasant Vijay", 470/471, Worli Road, Bombay-18 (India), "Textile goods", July 13, 1959.
- Class 13. Nos. 100273 to 100276 and 100278, 100279, The Svadeshi Mills Co. Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", July 13, 1959.
- Class 13. No. 100291, H. A. Shah & Co., Partnership Concern, Indian, of Vasant Vijay Mills, "Vasant Vijay", 470/471, Worli Road, Bombay-18 (India), "Textile goods", July 13, 1959.
- Class 13. Nos. 100313 and 100315 to 100317, The Tata Mills Ltd., an Indian Company, of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", July 14, 1959.
- Class 13. Nos. 100407 to 100420, Messrs. The Phoenix Mills Ltd., an Indian Company, Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", July 24, 1959.
- Class 13. No. 99964, The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile goods", June 27, 1959.
- Class 13. Nos. 100005 and 100007 to 100010, The Asoka Mills Ltd., Post Box No. 1050, Naroda Road, Ahmedabad, 'Indian Company', "Cotton textile fabrics", June 27, 1959.
- Class 13. Nos. 100103 to 100107 and 100110 to 100112, 100114, 100117 and 100118, The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile goods", June 29, 1959.
- Class 13. Nos. 100146 to 100148, The Asoka Mills Ltd., Post Box No. 1050, Naroda Road, Ahmedabad, 'Indian Company', "Cotton Textile Fabrics", July 1, 1959.
- Class 14. Nos. 100000 to 100004, 100006, 100011 to 100016, 100018, 100019 and 100021 to 100032, The Asoka Mills Ltd., Post Box No. 1050, Naroda Road, Ahmedabad, 'Indian Company', "Cotton textile fabrics", June 27, 1959.
- Class 14. No. 100277, The Svadeshi Mills Co. Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", July 13, 1959.
- Class 14. Nos. 99961 to 99963 and 99965 to 99968, The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile goods", June 27, 1959.
- Class 14. No. 99263, The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile goods", April 28, 1959.
- Class 14. Nos. 99202, 99209, 99213 and 99214, The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile goods", April 24, 1959.
- Class 14. Nos. 100101, 100102, 100108, 100109, 100113, 100115, 100116 and 100119, The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile goods", June 29, 1959.
- Class 14. Nos. 100143 to 100145, The Asoka Mills Ltd., Post Box No. 1050, Naroda Road, Ahmedabad, 'Indian Company', "Cotton textile fabrics", July 1, 1959.

DR. S. VENKATESWARAN  
 Controller of Patents and Designs and  
 Registrar of Trade Marks